

62-10823

Balandin, A. A.
D. I. MENDELEEV, THE PERIODIC SYSTEM OF
ELEMENTS AND CATALYSIS. [1961] 4p. 36 refs.
Order from OTS or SLA \$1.10 62-10823

[Condensed] trans. of Uspekhi Khimii (USSR) 1944,
v. 13, no. 5, p. 365-374.

DESCRIPTORS: *Chemical elements, *Catalysis,
*Periodic variations, Isotopes, Metals, Lattices, Ex-
change reactions, Hydrogen.

(Chemistry--Physical, TT, v. 7, no. 11)

1. Title: Mendeleev's periodic
system

I. Balandin, A. A.
II. Mendeleev, D. I.

Office of Technical Services

Elagina, N. V. and Eldus, Ya. T.
REACTION BETWEEN CARBON MONOXIDE AND
ORGANOMAGNESIUM COMPOUNDS. [1961] 3p.
26 refs.
Order from OTS or SLA \$1. 10

62-10824

[Condensed] trans. of Uspekhi Khimii (USSR) 1944,
v. 13, no. 5, p. 375-388.

DESCRIPTORS: *Carbon compounds, *Monoxides,
*Organic compounds, *Magnesium compounds,
Chemical reactions, Grignard reagents.

(Chemistry--Organic, TT, v. 7, no. 11)

62-10824

I. Elagina, N. V.
II. Eldus, Ya. T.

Office of Technical Services

Nazarov, I. N.
CHEMISTRY OF VINYLETHYNYLCARBINOLS. [1961]
37p. 74 refs.
Order from OTS or SLA \$3.60

61-20131

Trans. of Uspekhi Khimii (USSR) 1945, v. 14 [no. 1]
p. 3-41.

DESCRIPTORS: *Carbinols, *Vinyl radicals, Acety-
lenes, Condensation, Synthesis, Polymerization, De-
hydration, Hydrogenation, Isomeric transitions, *Hy-
drocarbons, Ethers, Ketones, Diene synthesis, *Ethy-
nyl radicals.

A review of this field is made, covering 60 references,
for the most part studies by the author and his collab-
orators and dealing with synthesis of these carbinols,
their physical constants, dehydration to hydrocarbons
of the divinylacetylene series, their esterification,
(Chemistry--Organic, TT, v. 7, no. 2) (over)

61-20131

I. Nazarov, I. N.

Office of Technical Services

Bag, A. A. and Egupov, T. P.
DETERGENTS FROM HIGH MOLECULAR PRIMARY
ALCOHOLS. [1961] [3]p. 25 refs.
Order from OTS or SLA \$1. 10

62-10825

[Condensed] trans. of Uspekhi Khimii (USSR) 1945,
v. 14, no. 1, p. 56-64.

DESCRIPTORS: *Detergents, Wetting agents,
*Alcohols, Molecular structure, Catalysts.

(Engineering--Chemical, TT, v. 7, no. 11)

62-10825

I. Bag, A. A.
II. Egupov, T. P.

Office of Technical Services

62-10826

Mokhnatkin, M. P.
USE OF SIMPLE OPTICAL METHODS IN GROUP
ANALYSIS OF GASOLINES. [1961] 4p. 9 refs.
Order from OTS or SLA \$1.10 62-10826

1. Mokhnatkin, M. P.

[Condensed] trans. of Uspekhi Khimii (USSR) 1945,
v. 14, no. 2, p. 148-150.

DESCRIPTORS: *Gasoline, Hydrocarbons, Quantitative
analysis, Raman spectroscopy, Refractive index.

(Materials--Fuels, TT, v. 7, no. 11)

Office of Technical Services

62-10827

Let'chuk, S. L., Balandin, A. A., and Vaskevich,
D. N.

"SKELETON" CATALYSTS AND THEIR APPLI-
CATION IN ORGANIC CHEMISTRY. [1961] 17p.

187 refs.

Order from OTS or SLA \$1.60

62-10827

[Condensed] trans. of Uspekhi Khimii (USSR) 1945,
v. 14, no. 3, p. 185-212.

DESCRIPTORS: *Catalysts, Hydrogenation, Oxidation,
Condensation reactions, Catalysis, Dehydration,
Organic compounds.

(Chemistry--Organic, TT, v. 7, no. 11)

I. Let'chuk, S. L.
II. Balandin, A. A.
III. Vaskevich, D. N.

Office of Technical Services

Zhabrova, G. M.
MEETING ON METHODS OF INVESTIGATION OF
CATALYSTS. [1961] 3p. 1 ref.
Order from OTS or SLA \$1.10 62-10828

[Condensed] trans. of Uspekhi Khimii (USSR) 1945,
v. 14, no. 3, p. 255-258.

DESCRIPTORS: *Catalysts, Electron microscopy,
Asbestos fibers, Electrochemistry, Conferences.

(Chemistry--Physical, TT, .v. 7, no. 11)

62-10828

I. Zhabrova, G. M.

Office of Technical Services

Ketene, by A. Y. Yakubovich, 42 pp.

RUSSIAN, per, Uspekhi Khim, Vol XIV, No 4, 1945,
pp 301-329.

SLA R-1040

Sci - Chemistry
Mar 58

59,764

Abstracted, SLA - TT - 68-10401

62-10829

Kiselev, A. V.
NEW ADSORPTION METHODS OF DETERMINATION
OF ADSORBENT SURFACES. [1961] 10p. 86 refs.
Order from OTS or SLA \$1.10 62-10829

[Condensed] trans. of Uspekhi Khimii (USSR) 1945,
v. 14, no. 5, p. 367-394.

DESCRIPTORS: *Surfaces, *Adsorbents, Catalysis,
Surface areas, *Adsorption.

(Chemistry-Physical, TT, v. 8, no. 1)

I. Kiselev, A. V.

Office of Technical Services

62-10830

Tsiklis, D. S.
RESEARCH UNDER HIGH PRESSURES. [1961] 15p.
138 refs.
Order from OTS or SLA \$1.60

62-10830

[Condensed] trans. of Uspekhi Khimii (USSR) 1945,
v. 14, no. 6, p. 476-500.

DESCRIPTORS: *High pressure research, Gases,
Liquids, Solubility, Solids, Surface tension, Chemi-
cal reactions, Polymerization.

1. Tsiklis, D. S.

(Chemistry--Physical, TT, v. 7, no. 11)

Office of Technical Services

Frost, A. V.
FUNCTION OF CLAYS IN FORMATION OF OIL IN
THE EARTH'S CRUST. [1961] 8p. 34 refs.
Order from OTS or SLA \$1.10 62-10831

[Condensed] trans. of Uspekhi Khimii (USSR) 1945,
v. 14, no. 6, p. 501-509.

DESCRIPTORS: *Clays, *Oils, Earth, Hydrocarbons,
Petroleum, Geology.

(Earth Sciences--Geology, TT, v. 7, no. 11)

62-10831

I. Frost, A. V.

Office of Technical Services

Sovetskii Khim, Vol XV, p63-80 (1946)

"Indication of Chain Reactions by Nitric Oxide"

by V.E. Goldanskii

AKC In # 205

Available @ Brookhaven

21 June, 1950.

Korshak, V. V. and Kolesnikov, G. S.
TETRA-ETHYLLEAD (Tetra-ethyl Lead) 36 p.
146 refs. MTWL: 128. (text in Dutch).
Order from OTS or ETC \$2.55

61-17733

Trans. of Izvestiya Khimii (USSR) 1946, v. 15, p. 325-342.

DESCRIPTORS: *Ethyl radicals, *Lead.

61-17733

- I. Korshak, V. V.
- II. Kolesnikov, G. S.
- III. MTWL-128
- IV. Stichting Moelijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

Shulkin, N. I.
PREPARATION OF AROMATIC HYDROCARBONS
FROM OIL BY CONTACT CATALYTIC METHODS.
[1961] 9p. 37 refs
Order from OTS or SLA \$1.10

62-10832

[Condensed] trans. of Uspekh Khimii (USSR) 1946,
v. 15, no. 3, p. 343-358.

DESCRIPTORS: *Hydrocarbons, Production,
Petroleum, Gasoline, Kerosene, Pyrolysis, Decom-
position, Dehydrogenation, Platinum, Catalysts,
Alumina-nickel catalysts, Catalysis.

(Chemistry--Organic, TT, v. 7, no. 12)

62-10832

I. Shulkin, N. I.

Office of Technical Services

Tetraethyllead, by V. V. Korshak, G. S.
Kolesnikov, 35 p.

RUSSIAN, par, Uspekhi Khimii, 1946, Vol XV, No 3,
pp 326-342.

SLA 59-17242

Sci
Dec 59
Vol 2, No 6

103, 944

Shuikin, N. J.
DE KATALYTISCHE BEREIDING VAN AROMATISCHE
KOOLWATERSTOFFEN UIT AARDOLIEPRODUCTEN
(Contact-Catalytic Production of Aromatic Hydrocar-
bons from Petroleum), 26p. 37 refs. MTWL: 33.
(text in Dutch).
Order from OTS or ETC \$2.37 61-17677

Trans. of *Vyspekhi Khimii* (USSR) 1946, v. 15,
p. 343-358.

DESCRIPTORS: Petroleum, Monocyclic compounds,
*Hydrocarbons, Catalysis, *Polymerization.

61-17677

- I. Shuikin, N. J.
- II. MTWL-33
- III. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Chemical Bases for Present-Day Trends in
Investigation of Medical Compounds, by A. G.
Natrado, 43 pp. N.A. Preobrazhenskiy.

RUSSIAN, bimo per, Uspekhi Khim, Vol XV, No 4,
1946, pp 427-455.

SIA 60-19479

CIA/PDD/X-1457

NIH

Scientific - Chemistry, chemotherapy

13,721

Biradicals, by M. Ye. Dyatkina, T. K. Sirkin,
14 pp.

RUSSIAN, par, Uspekhi Khim, Vol XVI, No 1,
1947, pp 25-68.

SLA 60-13885

Sci.
26 May 62
Vol. IV, No 8

198, 221

Solodar, L. S. and Markin, V. V.
VORDERINGEN OP HET GEBIED VAN DE CHLORE-
RING VAN KOOLWATERSTOFFEN IN DE LAATSTE
10 JAAR (Advances in Chlorination of Hydrocarbons
in the Last Ten Years) 41p. 130 refs. MTWL: 22.
(text in Dutch).
Order from OTS or ETC \$2.67 61-17686

Trans. of Vspekh Khimii (USSR) 1947, v. 16,
p. 83-109.

DESCRIPTORS: *Hydrocarbons, *Chlorination,

61-17686

- I. Solodar, L. S.
- II. Markin, V. V.
- III. MTWL-22
- IV. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Bochvar, D. A.
HET GRONDPRIJNCE EN DE GRONDBEGRIJPPEN VAN
DE THEORIE DER RESONANTIE. I. HET GRONDPRIJNCE
VAN DE THEORIE DER RESONANTIE EN
ZIJN BEWIJSGRONDEN (The Principle and Fundamen-
tal Concepts of the Resonance Theory. I. The Princi-
ple of the Resonance Theory and Its Arguments) tr. by
S. Kruyer. 17p. 13 refs. MTWL: 4. (text in Dutch).
Order from OTS or ETC \$1.85 61-17703

Trans. of Uspekhi Khimii (USSR) 1947, v. 16,
p. 129-139.

DESCRIPTORS: *Resonance, Theory, *Chemical bonds

61-17703

- I. Bochvar, D. A.
- II. MTWL-4
- III. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Catalytic Synthesis of Hydrocarbons From CO and H₂,
by V. A. Karzhavin, 29 pp.

RUSSIAN, per, Uspekhi Khimii, Vol. XVI, No 3, 1947,
pp 327-352.

Sci Trans Center RT-~~562~~ 562

Scientific - Chemistry
CTS/DEK

10,969

Addition of Phosphorus Halides to Organic Compounds,
by M. I. Kabachnik, 22 pp.

RUSSIAN, per, Uspekhi Khimii, Vol XVI, No 4, 1947,
pp 403-421.

Sci Trans Center RT-563

Scientific - Chemistry
CTS/DEX

10,98.3

11 757

GE-1

RYABCHIKOV D. I., TERENT'EVA E. A.

Method of separation of rare-earth elements

Verfahren der Trennung von Elementen der seltenen Erden

Uspekhi Khim., 16, No. 4, 460-489 (1947) - German

E u r a t o m

ALC 74 125

CIA 900984

Yakubovich, A. Ya. and Zinov'ev, Yu. M.
SULFOCHLORERING. EEN NIEUWE METHODE VOOR
HET SULFONEREN VAN ALKANEN; EIGENSCHAPEN
EN TOEPASSING VAN ALKAANSULFOCHLORIDEN
(Sulfochlorination, a New Method of sulfonation of
Alkanes. Properties and Uses of Alkane Sulfochlorides)
25p. 40 refs. MTWL: 21. (text in Dutch). 61-17685
Order from OTS or ETC \$1.95

Trans. of Uspekhi Khimii (USSR) 1947, v. 16,
p. 581-598.

DESCRIPTORS: *Hydrocarbons, Sulfur compounds,
Chlorides, *Sulfonates.

61-17685

- I. Yakubovich, A. Ya.
- II. Zinov'ev, Yu. M.
- III. MTWL-21
- IV. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Topchiev, A. V. and Paushkin, Ya. M.
BOORFLUORIDE VERBINDINGEN ALS KATALYSATO-
REN IN DE ALKYLIERINGS- EN POLYMERISATIE-
REACTIES (Boron Fluoride Compounds as Catalysts
in Alkylation and Polymerization Reactions). 48p.
(1p. foreign text included). 98 refs. MTWL: 14.
(text in Dutch).
Order from OTS or ETC \$2.79 61-17698

Trans. of Vysokhi-Khimii (USSR) 1947, v. 16,
p. 664-689.

DESCRIPTORS: *Boron compounds, *Fluorides,
Catalysts, Polymerization, Alkyl radicals.

61-17698

- I. Topchiev, A. V.
- II. Paushkin, Ya. M.
- III. MTWL-14
- IV. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

The Mechanism of the Synthesis of Aliphatic Hydrocarbons by the Contact Hydrogenation of Carbon Monoxide, by Yu. P. Erdis, 11 pp.

RUSSIAN, per. Voprosy Khim, Vol IX, No 6, 1940, pp 673-681.

CIA/FDD/X-1158

RT-1420

Scientific - Chemistry
CTS/DEX

Available in CIA Library
as Ohio State University
C 27830

8171

Vinogradov, G. V. and Ivanova, T. N.
FLUOR KOOLSTOFVETTEN EN -SMEERMIDDELEN
(Fluorcarbon Fats and -lubricants). 9p. 5 refs.
MTWL-7. (text in Dutch).
Order from OTS or ETC \$1.55

61-17706

Trans. of Izvestiya Khimii (USSR) v. 16, 1947, p. 744.

DESCRIPTORS: Lubrication, Oils, Fats, *Fluoro-
carbons.

61-17706

- I. Vinogradov, G. V.
- II. Ivanova, T. N.
- III. MTWL-7
- IV. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Vinogradov, G. V. and Ivanova, T. N.
FLUORINATED OILS AND GREASES. [1963] [7p]
Srefs
Order from OTS, SLA, or ETC \$1.10 TT-63-20806

Trans. of Uspekhi Khimii (USSR) 1947, v. 16, no. 6,
p. 744-748.
Another trans. is available in Dutch from OTS or ETC
\$1.55 as TT-61-17706, MTWL-7, 9p.

DESCRIPTORS: Oils, *Fluorocarbons, Greases,
Fluorination, Chemical properties, Polymers, Poly-
merization plastics, *Lubricants,

(Materials--Lubricants, TT, v. 11, no. 4)

TT-63-20806

I. Vinogradov, G. V.
II. Ivanova, T. N.

Office of Technical Services

Fuchs, N. A.
DE VERDELINGSCROMATOGRAPHIE EN DE TOE-
PASSING ERVAN IN DE ANALYTISCHE CHEMIE
(Distribution Chromatography and the Application of
it in Analytical Chemistry). 20p. 23 refs. MTWL: 20.
(Text in Dutch).
Order from OTS or HTC \$1.85

61-17694

Trans. of Uspekhi Khimii (USSR) 1948, v. 17, p. 45-54

DESCRIPTORS: Chemical Analysis, Chromatographic
analysis, *Distribution.

61-17694

- I. Fuchs, N. A.
- II. MTWL-20
- III. Stichting Moeitijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Rozengart, M. I.
PRINCIPES EN METHODEN VAN RECTIFICATIE OP
LABORIUMSCHAAL (Principles and Methods of
Laboratory Rectification). 47p. 82 refs. MTWL: 142.
(text in Dutch).
Order from OTS or ETC \$2.77

61-17712

Trans. of Uspekhi Khimii (USSR) 1948, v. 17,
p. 204-234.

DESCRIPTORS: *Distilling plants, Laboratory
equipments.

61-17712

- I. Rozengart, M. I.
- II. MTWL-142
- III. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Concept of Condensation and Polymerization in Organic Chemistry, by D. M. Vaskevich, A. A. Ralandin.

Full translation.

RUSSIAN, no per, Uspekhi Khim, Vol XVII, No 3, 1948, pp 346-350.

AEC Tr 1187

Sci - Chem

Apr 52 CMS

Vladimir Mikhailovich Rodionov, Academician, by
V. N. Belov, B. M. Bogoslovskii, A. I. Korolev,
A. M. Fedarova, and M. M. Shemyakin, 45 pp, (AF 81037)/

RUSSIAN, per, Uspekhi Khimii, Vol XVII, No 5, 1948,
pp 521-543.

AJC F-TS-6699-RE

USSR

Biographic - Vladimir Mikh Mikhailovich Rodionov

Elementary Particles and Their Interaction by
D. D. Ivenenko (Moscow), 39 pp.

RUSSIAN, also per, Uspekhi Khimii, Vol XVII, No 5,
1948, pp 545-564.

AMC F-TS-6699-RE

USSR

Scientific - Physics, chemistry, interaction,
particles

Chemistry of Antibiotic Substances, by Y. O. Gabel
(Kharkov), 26 pp. (AF 81037).

RUSSIAN, transl per, Uspakhi Khimii, Vol XVII, No 5,
1948, pp 565-4 577.

AMC F-TS-6695-RE

USSR

Scientific - Chemistry, antibiotic, substances

On Some Regularities in the Field of Organometallic
Compounds, by K. V. Astakhov, A. M. Kabakchi (Moscow),
15 pp. (AP 81037).

RUSSIAN, trans per, Uspekhi Khimii, Vol XVII, No 5,
1948, pp 578-581.

AMC F-TS-6699-RE

USSR

Scientific - Chemistry, compounds, organometallic

Formation of Spinellides and Similar Compounds
at High Temperatures, by P. P. Iudinikov (Moscow),
A. S. Bereznoi (Khar'kov), 50 pp. (AF 81037).

RUSSIAN, limo per, Uspekhi Khimii, XI Vol XVII,
No 5, 1948, pp 585-605.

AMC F-TS-6699-RE

USSR

Assoc Tech Sv

Scientific - Chemistry, compounds, spinellides

The Gibbs' Paradox and the Law of Mass Action,
by M. P. Koshnathkin (Saratov), 4 pp. (AF 81037).
(An Aid to the High School Teacher).

RUSSIAN, 11 no per, Uspekhi Khimii, Vol XVII,
No 5, 1948, pp 606-607.

ANC F-TS-6699-RE

USRR

Scientific - Chemistry, Gibbs Paradox, mass action

From the History of Chemistry N. Ya. Dem'yanov -
A Classic of Soviet Chemistry, by A. S. Onishchenko,
40 pp. (AF 81037).

RUSSIAN, bio per, Uspekhi Khim, Vol XVII, No 5,
1948, Moscow, pp 608-623.

AMC F-TS-4699-RE

USSR

Scientific - Biographic
Biographic - N. Ya. Dem'yanov

\$
The Stalin Awards in the Field of Chemistry for
1947, 30 pp, (AF 81037).

RUSSIAN, bimo per, Uspekhi Khimii, Vol XVII, No 5,
1948, pp 624-634.

AWC F-TS-6699-RE

USSR

Scientific - Chemistry, awards

Bibliography from Progress in Chemistry, 22 pp.
(AF 81037)

RUSSIAN, bino per, Uspekhi Khimii, Vol XVII, No 5,
1948, pp 695 to end.

AMC F-TS-4639-RE

USSR

Scientific - Bibliography, biographic

Chemical Microanalysis of the Agglomerated
Surface of Graphite from Pechelone of the Pechelone
of the Pechelone

10083/77, p. 1. Usp. Khim., Vol. 56, No. 5, 1977,
pp. 641-644.

DSTR LLM M. 1043

Doc. - Chem

173,065

Doc #1

13 219

Ca-1

MIKLUKHIN G. P.

Exchange reactions of hydrogen isotopes

Uspekhi Khim., 17, No. 6, 663-691 (1948)

TT 168 - English

Euratom

QTS-TT-64-18375

AEC TR 380

Reduction of Nitro Compounds of the Aromatic
Series, by V. O. Lukashevich, 36 pp

RUSSIAN, per, Uspekhi Khim., Vol XVII, No 6,
1948, pp 692-709,

NLL M.2884
CIA/FOD/X-1619

Scientific - Chemistry Apr 55 CRS 22,931

Silicon Organic Combination -- Paragraph 7;
Hydrolysis and Condensation of Silicon-Organic
Monomers, by K. A. Audryanoff.

RUSSIAN, per, Uspekhi Khim, No 2, Mar/Apr 1949.

OQMG Tr

Scientific - Chemistry

14.521

The Use of Deuterium in the Investigation of the
Mechanism of Reaction of Organic Compounds by G. P.
Miklukhin

RUSSIAN, Uspekhi Khim, 18, 2, 1949, pp 237-257

/The bibliography has been omitted./

Sci Museum Lib No 50/3275 - London

Bibliography - Sci Mus Lib 55/2460

Scientific

TT-525

Concerning the Nature of the Self-Adhesion
(Autohesion) of High-Molecular Substances, by
S. S. Voyutskiy, Yu. L. Margolina, 30 pp.

RUSSIAN, per, Uspekhi Khim USSR, Vol XVIII,
No 4, 1949, pp 449-461.

SLA 59-15938

Sci
Dec 59
Vol 2, No 4

102, 781

Nitrogenous and phosphatic fertilizers based on the
decomposition of phosphates by nitric acid, by
S. I. Vol'fkovich, and Loginova, A. I.

^{Khim}
RUSSIAN, per, Uspekhi Khim, Vol. XVIII, No 4, 1949,
pp 452-471.

Sci Museum Lib No 51/1898 - London

Berlin, A. A. and Parini, V. P.
THE SYSTEMATISM OF HIGH-MOLECULAR COM-
POUNDS AND FUNDAMENTAL TYPES OF INORGANIC
AND ORGANO-ELEMENT POLYMERS. [1962] 18p.
Order from K-H \$22.50 K-H 6144

Trans. of Uspekhi Khimii (USSR) 1949, v. 18, no. 5,
p. 546-556.

DESCRIPTORS: *Polymers, Classification, Inorganic
substances, Organic compounds.

(Chemistry, TT, v. 9, no. 11)

63-12917

I. Berlin, A. A.
II. Parini, V. P.
III. K-H-6144
IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

TT-4-20221

Office of Technical Services

Vol'fkovich, S.I. and Loginova, A.I.
STIKSTOF-EN PHOSPHORMESTSTOFFEN OP BASIS
VAN DE ONTLEDING VAN PHOSPHATEN MET SAL-
PETERZUUR (Nitrogen and phosphorus fertilizers on
base of the decomposition of phosphates by nitric
acid), tr. by G.J.M. Fritschy. 19 p. 19 refs. MTWL:
476. (Text in Dutch)
Order from OTS or ETC \$0.80

61-17024

Trans. of Uspekhi Khimii (USSR) 1949, v.18, p. 462-
471.

61-17024

1. Fertilizers-Production
2. Phosphates-Decomposition
1. Vol'fkovich, S.I.
- II. Loginova, A.I.
- III. MTWL-476
- IV. Stichting Moeilijk Toeganke-
lijke Wetenschappelijke Lite-
ratuur

Office of Technical Services

The Denaturation of Proteins, by V. V. Ponomarev.

Full translation.

RUSSIAN, no per, Uspekh Khim, [USSR], Vol XVIII, 1949,
pp 632-696.

AEC Tr 1429

USSR

Scientific - Chemistry, biology, proteins

Nov 52 UTS/DEX

13 213

Ca-1

KEIER N. P.

The use of tagged atoms in the study of the phenomena of
adsorption and catalysis

Uspekhi Khim., 19, No. 1, 59-87 (1950)

TT 140 - English

E u r a t o m

AEC 291

DRB-TT-140

CIA C41908

61-27984

Terent'ev, A. P. and Gurvich, S. M.
PRIORITY OF A. A. COLLEY IN DETERMINING
THE STRUCTURE OF GLUCOSE, tr. by Z. Knowles.
4 Mar 52, 22p. 27 refs.
Order from OTS or SLA \$2.60

61-27984

Trans. of Uspekhi Khimii (USSR) 1950, v. 19, no. 1,
p. 128-137.

DESCRIPTORS: *Glucose, Chemical analysis, *Molec-
ular structure, Hydrocarbons.

It is shown that Aleksandr Andreevich Kolli (Alexander
Andrew Colley) was the first who strictly demonstrated
pentatomic glucose. It is also established that A. A.
Colley in 1870 first expressed and proved experimen-
tally the hypothesis of the cyclic structure of glucose.
Bernhardt Tollens' priority in the establishment of
cyclic formulas for hydrocarbons can by no means be
(Chemistry--Organic, TT, v. 6, no. 11) (over)

- I. Terent'ev, A. P.
- II. Gurvich, S. M.
- III. Colley, A. A.
- IV. National Institutes of
Health, Bethesda, Md.

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Office of Technical Services

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